

USSN: 09/896,990
Atty. Docket No.: 2001B053
Response dated: March 29, 2005
Reply to Office Action of: December 30, 2005

Amendments To The Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing Of Claims:

Claims 1-14 (cancelled)

Claim 15 (previously presented): A biaxially oriented, multilayer film, comprising:

- a) a core layer having a first surface, a second surface, and a thickness in the range of from 3-20 μm and comprising from 20-60 weight % of the total weight of the biaxially oriented film, said core layer comprises a first polymeric material selected from the group consisting of a polypropylene homopolymer, a polypropylene-ethylene copolymer, and combinations thereof;
- b) a first sealant skin layer contiguous to said first surface of said core layer, said first sealant skin layer having a thickness in the range of from 3-20 μm and comprises:
 - a second polymeric material selected from the group consisting of ethylene-propylene-butene-1 terpolymer, ethylene propylene random copolymers, propylene butene copolymer, low density polyethylene polymer, and combinations thereof,
 - a non-migratory slip agent that is present in said first sealant skin layer in the range from 1000-8000 ppm based on the total weight of said first sealant skin layer, said non-migratory slip agent is a particulate polymethylmethacrylate polymer having particles whose size are at least 10% greater than the thickness of said first sealant skin layer; and
- c) a second skin layer contiguous to said second surface of said core layer, said second skin layer having a thickness in the range of from 1.5-12 μm and comprises a third polymeric material selected from the group consisting of high density polyethylene, medium density polyethylene, and combinations thereof.

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Claim 16 (previously presented): The biaxially oriented, multilayer film of claim 15, wherein said particulate polymethylmethacrylate polymer has particles whose size is selected from the group consisting of at least 15% greater than the thickness of said first sealant skin layer, at least 20% greater than the thickness of said first sealant skin layer, and at least 40% greater than the thickness of said first sealant skin layer.

Claim 17 (previously presented): The biaxially oriented, multilayer film of claim 15 wherein said second skin layer has a layer of metal deposited thereon, said layer of metal is comprised of aluminum, zinc, gold or silver.

Claim 18 (previously presented): The biaxially oriented, multilayer film of claim 15, wherein said thickness of said first sealant skin layer is in the range of 5.5-10 μm .

Claim 19 (previously presented): The biaxially oriented, multilayer film of claim 15, wherein said non-migratory slip agent is present in said first sealant skin layer in the range from 1200-6000 ppm based on the total weight of said first sealant skin layer.

Claim 20 (previously presented): The biaxially oriented, multilayer film of claim 15, wherein said particulate polymethylmethacrylate polymer has particles whose size is selected from the group consisting of at least 15% greater than the thickness of said first sealant skin layer, at least 20% greater than the thickness of said first sealant skin layer, and at least 40% greater than the thickness of said first sealant skin layer.

Claim 21 (canceled).

Claim 22 (previously presented): The biaxially oriented, multilayer film of claim 15, wherein said particulate polymethylmethacrylate polymer has a mean particle size that is in the range of from 7-20 μm .

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Claim 23 (previously presented): The biaxially oriented, multilayer film of claim 15, wherein said non-migratory slip agent is present in said first sealant skin layer in the range from 1200-6000 ppm based on the total weight of said first sealant skin layer.

Claim 24 (previously presented): The biaxially oriented, multilayer film of claim 15, wherein said second skin layer has a layer of metal deposited thereon, said layer of metal is comprised of aluminum, zinc, gold or silver.

Claim 25 (currently amended): A package including a biaxially oriented three layer film, said film comprising:

- a) a first sealant skin layer comprising a ethylene-propylene-butene-1 terpolymer and a particulate polymethylmethacrylate polymer, said first sealant skin layer having a thickness in the range of from 5.5-10 μm and comprising from 20-60 weight % of the total weight of the biaxially oriented film, said particulate polymethylmethacrylate polymer having a mean particle size in the range of 7-20 μm and is present in said first sealant skin layer in the range of from 1000-8000 ppm based on the total weight of said first sealant skin layer;
- b) a core layer comprising an isotactic polypropylene polymer, said core layer having a first surface, a second surface, and a thickness in the range of from 3-20 μm , said first surface of said core layer contiguous with said first sealant skin layer and comprising from 20-60 weight % of the total weight of the biaxially oriented film; and
- c) a second skin layer comprising a high density polyethylene polymer, said second skin layer having a thickness in the range of from 1.5-12 μm and contiguous with said second surface of said core layer.

Claim 26 (previously presented): The package of claim 25, wherein said second skin layer has a layer of metal deposited thereon, said layer of metal is comprised of aluminum, zinc, gold or silver.

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Claim 27 (previously presented): The package of claim 25, wherein said particulate polymethylmethacrylate polymer has particles whose size is selected from the group consisting of greater than 20% of said thickness of said first sealant skin layer, greater than 40% of said thickness of said first sealant skin layer, and greater than 50% of said thickness of said first sealant skin layer.

Claim 28 (canceled)

Claim 29 (previously presented): The package of claim 25, wherein said particulate polymethylmethacrylate is present in said first sealant skin layer in the range of from 1200-6000 ppm, and wherein said thickness of said second skin layer is in the range from 1.5-12 μm .

Claim 30 (previously presented): The package of claim 29, wherein said second skin layer has a layer of metal deposited thereon, said layer of metal is comprised of aluminum, zinc, gold or silver.

Claim 31 (previously presented): A snack package, said snack package including a biaxially oriented metallized multi-layer film, said multi-layer film comprising:

- a) a core layer comprising an isotactic polypropylene polymer, said core layer having a first surface, a second surface, and a thickness in the range of from 3-20 μm and comprising from 20-60 weight % of the total weight of the biaxially oriented film;
- b) a first sealant skin layer contiguous to said first surface of said core layer, said first sealant skin layer having a thickness in the range of from 5.5-10 μm and comprising:
a particulate polymethylmethacrylate polymer having a mean particle size in the range of 7-20 μm and is present in said first sealant skin layer in the range of from 1200-6000 ppm based on the total weight of the first sealant skin layer; and

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c) a metallizable layer comprised of a high density polyethylene polymer, said metallizable layer is contiguous to said second surface of said core layer and having a thickness in the range of from 1.5-12 μm ; and

wherein said metallizable layer having a layer of metal deposited thereon, said layer of metal is comprised of aluminum, zinc, gold or silver.

Claim 32 (previously presented): The snack package of claim 31, wherein said particulate polymethylmethacrylate polymer has particles whose size is selected from the group consisting of greater than 20% of said thickness of said first sealant skin layer, greater than 40% of said thickness of said first sealant skin layer, and greater than 50% of said thickness of said first sealant skin layer.

Claim 33 (previously presented): The snack package of claim 31, wherein said first sealant skin layer further comprises a material that is selected from the group consisting of ethylene-propylene-butene-1 terpolymer, ethylene propylene random copolymers, propylene butene copolymer, low density polyethylene, and combinations thereof.

Claim 34 (previously presented): The package of claim 25, wherein said particulate polymethylmethacrylate is present in said first sealant skin layer in the range of from 1200-6000 ppm, and wherein said thickness of said second skin layer is in the range from 2.5-10 μm .

Claim 35 (previously presented): The package of claim 25, wherein said particulate polymethylmethacrylate is present in said first sealant skin layer in the range of from 1200-6000 ppm, and wherein said thickness of said second skin layer is in the range from 1.5-3.5 μm .

Claim 36 (previously presented): The biaxially oriented, multilayer film of claim 15, wherein said core layer comprises from 30-50 weight % of the total weight of the biaxially oriented multilayer film.